

SELF-LOCATING FASTENING ASSEMBLY AND METHOD FOR INTEGRATING A MONUMENT WITHIN AN AIRCRAFT

Abstract

One advantageous embodiment of the present invention is a self-locating fastening assembly (14) for aligning and securing a monument (12) to an airframe (16) of an aircraft (10). This self-locating fastening assembly (14) includes a self-locating tie-down member (24), which is fixedly coupled to one of either the airframe (16) or the monument (12). The self-locating fastening assembly (14) further includes a socket member (26), which is coupled to the other of the airframe (16) or the monument (12). The self-locating tie-down member (24) includes a base portion (32) and a top portion (34) extending from the base portion (32). The base portion (32) is utilized for contacting the socket member (26) so as to guide said self-locating tie-down member into said socket member and secure the monument (12) in a predetermined position along at least one direction. Moreover, the top portion (34) is utilized for further securing the self-locating tie-down member (24) to the socket member (26).